

MR#352345

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February 25, 2013

Via Federal Express



United States Environmental Protection Agency - East
Attn: TSCA Section 8(e) / Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with TSCA Section 8(e): Results of an acute toxicity study on honey bee (*Apis mellifera*) with a substituted lactone derivative

Dear Section 8(e) Coordinator:

[REDACTED] is submitting results an acute toxicity study (NON-GLP Indicator Study) on honey bee (*Apis mellifera*) with a substituted lactone derivative [REDACTED]
[REDACTED], conducted by [REDACTED]. The test substance is an experimental pesticide.

The test was conducted in a laboratory contact toxicity test over 48 hours according to the following test guidelines: OECD 213 and OECD 214.

The following nominal concentrations were tested: 0.2, 2.0, 20.0 µg a.i./bee.
The test substance is a technical grade active ingredient. Analyses were not carried out.

The following effect concentrations were obtained based on nominal concentrations:

LD₅₀ (oral; 24h): 0.623 µg a.i./bee

LD₅₀ (oral; 48h): 0.582 µg a.i./bee

Explanation:

The LD₅₀ is the concentration calculated at which 50% of the animals died.



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[REDACTED] understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,

Enclosures